Electronic Signatures

Communities of Interest:
building business reporting relationships across jurisdictions

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Communities of Interest:
building business reporting relationships across jurisdictions

We've been talking about the lack of infrastructure.

The infrastructure will evolve from communities of interest.

You need to define your communities of interest.

You need to define your piece of the jigsaw puzzle known as the larger community *and* ensure that your piece fits that larger picture.

Some Communities of Interest will evolve from laws passed.

The First Regular Arizona Legislative Session of 2001 brought
There were **93 bills** introduced in the First Regular Arizona
Legislative Session of 2001 with the term **"electronic"** in them.

Nine with key phrases:
  electronic reporting
    HB2431 - environment; chemicals; electronic reporting (mandatory)
    SB 1271 - fuel taxes; revisions
  electronic filing
    HB 2313 tax forms; electronic filing (DOR)
    HB 2047 s/e electronic filings; secretary of state
    SB 1303 vital statistics; decentralization (Dept. Health)
    SB 1382 clean election act amendments
          (Citizens Clean Elections Commission and Secretary of State)
  electronic bidding
    HB 2042 municipal bonds, electronic bidding,
    SB 1542 tourism, education and community funding
    HB 2615 housing; department; financing authority
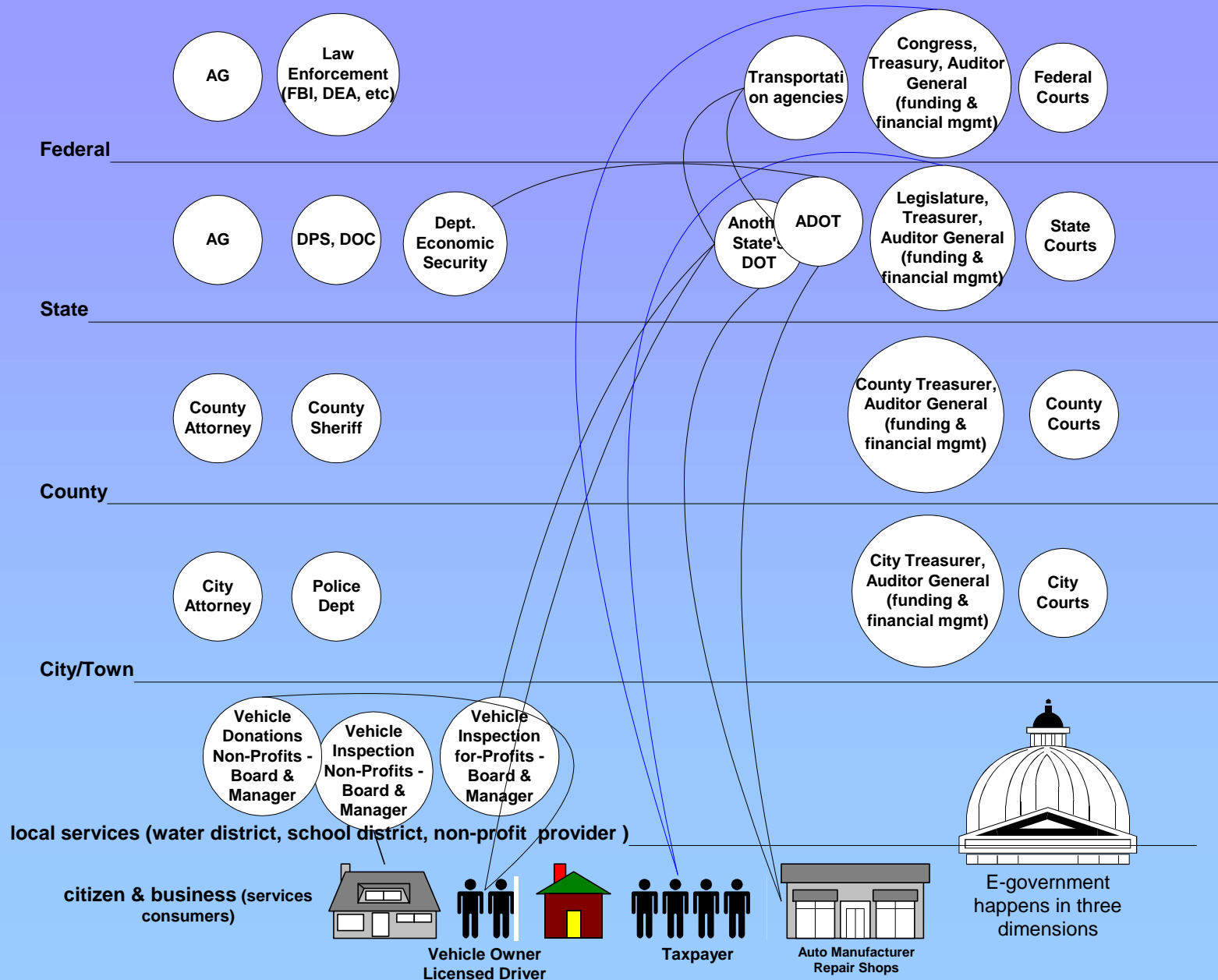
Some Communities of Interest will evolve from Federal activity.

Government Paperwork Elimination Act (GPEA)

Over 100 federal agencies, boards and commissions have reviewed and streamlined their reports - 7,741 reports have been reviewed, reports having an estimated 66 *billion* annual responses.

We are all moving from paper filings to electronic filings. This allows us to simplify the processes of creating, handling and dispersing the inevitable forms used in government. In fact many forms can be eliminated as electronic distribution allows an initial form to be directly "parsed" into the subsequent "child" forms that often move parts of the original to other, appropriate departments or agencies (since various procedures require registration or notice of another party or agency).

Some Communities of Interest will evolve from Federal activity.

Federal _____

- AG
- Law Enforcement (FBI, DEA, etc)
- Transportation agencies
- Congress, Treasury, Auditor General (funding & financial mgmt)
- Federal Courts

State _____

- AG
- DPS, DOC
- Dept. Economic Security
- Another State's DOT
- ADOT
- Legislature, Treasurer, Auditor General (funding & financial mgmt)
- State Courts

County _____

- County Attorney
- County Sheriff
- County Treasurer, Auditor General (funding & financial mgmt)
- County Courts

City/Town _____

- City Attorney
- Police Dept
- City Treasurer, Auditor General (funding & financial mgmt)
- City Courts

local services (water district, school district, non-profit provider) _____

- Vehicle Donations Non-Profits - Board & Manager
- Vehicle Inspection Non-Profits - Board & Manager
- Vehicle Inspection for-Profits - Board & Manager

citizen & business (services consumers)

Vehicle Owner Licensed Driver

Taxpayer

Auto Manufacturer Repair Shops

E-government happens in three dimensions

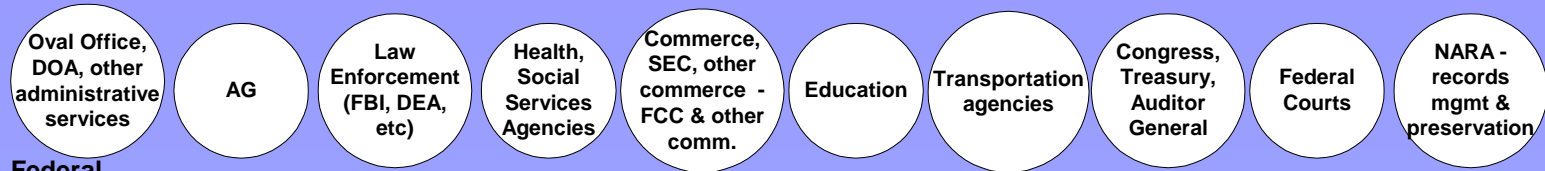**Many Communities of Interest seem fairly self-contained.
But they can quickly become linked to larger communities through
one of the other parties.**

ADOT

Bidder

Bidder

Bidding
Application
Sevice
Provider

Bidder

Bidder

Electronic Bidding

IRS

IRS filing
provider

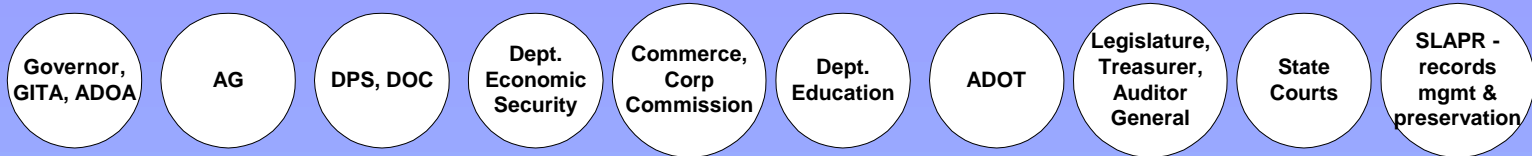Tax Filer

ADOR

Tax
Preparer

Electronic Tax Filing
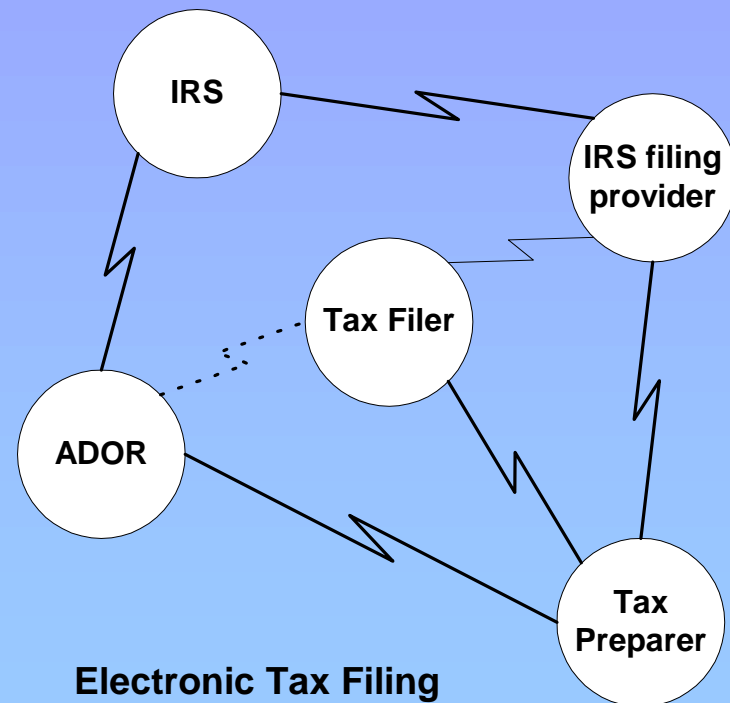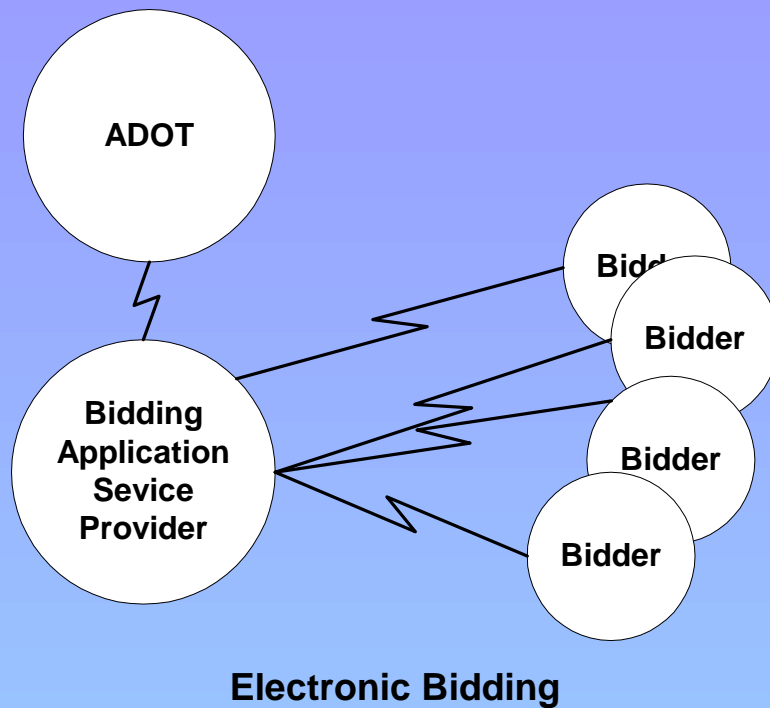
**Pilot projects
what is happening, what could happen, what do they link to**

Interoperability - E-Gov Template

Oval Office, DOA, other administrative services	AG	Law Enforcement (FBI, DEA, etc)	Health, Social Services Agencies	Commerce, SEC, other commerce - FCC & other comm.	Education	Transportation agencies	Congress, Treasury, Auditor General	Federal Courts	NARA - records mgmt & preservation

Federal

Governor, GITA, ADOA	AG	DPS, DOC	Dept. Economic Security	Commerce, Corp Commission	Dept. Education	ADOT	Legislature, Treasurer, Auditor General	State Courts	SLAPR - records mgmt & preservation

State

County Supervisors, Manager, CIO	County Attorney	County Sheriff	County Health & Social Services	County Economic Development	County Education services	County Roads	County Treasurer, Auditor General	County Courts	County - records mgmt & preservation

County

City Officials, Manager, CIO	City Attorney	Police Dept	City Health & Social Services	City Economic Development	City Education services	City Roads	City Treasurer, Auditor General	City Courts	City - records mgmt & preservation

City/Town

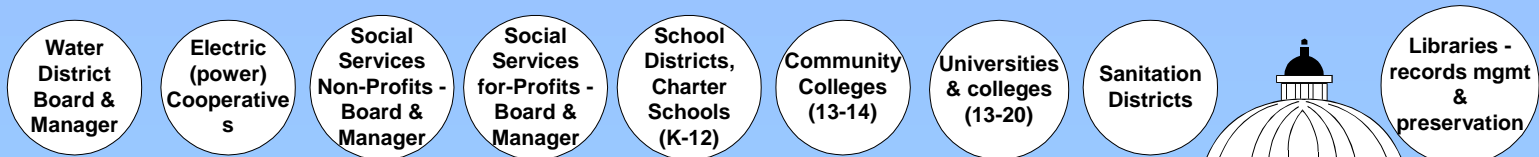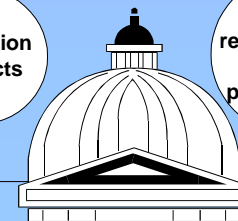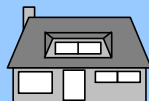|									
Water District Board & Manager	Electric (power) Cooperatives	Social Services Non-Profits - Board & Manager	Social Services for-Profits - Board & Manager	School Districts, Charter Schools (K-12)	Community Colleges (13-14)	Universities & colleges (13-20)	Sanitation Districts		Libraries - records mgmt & preservation

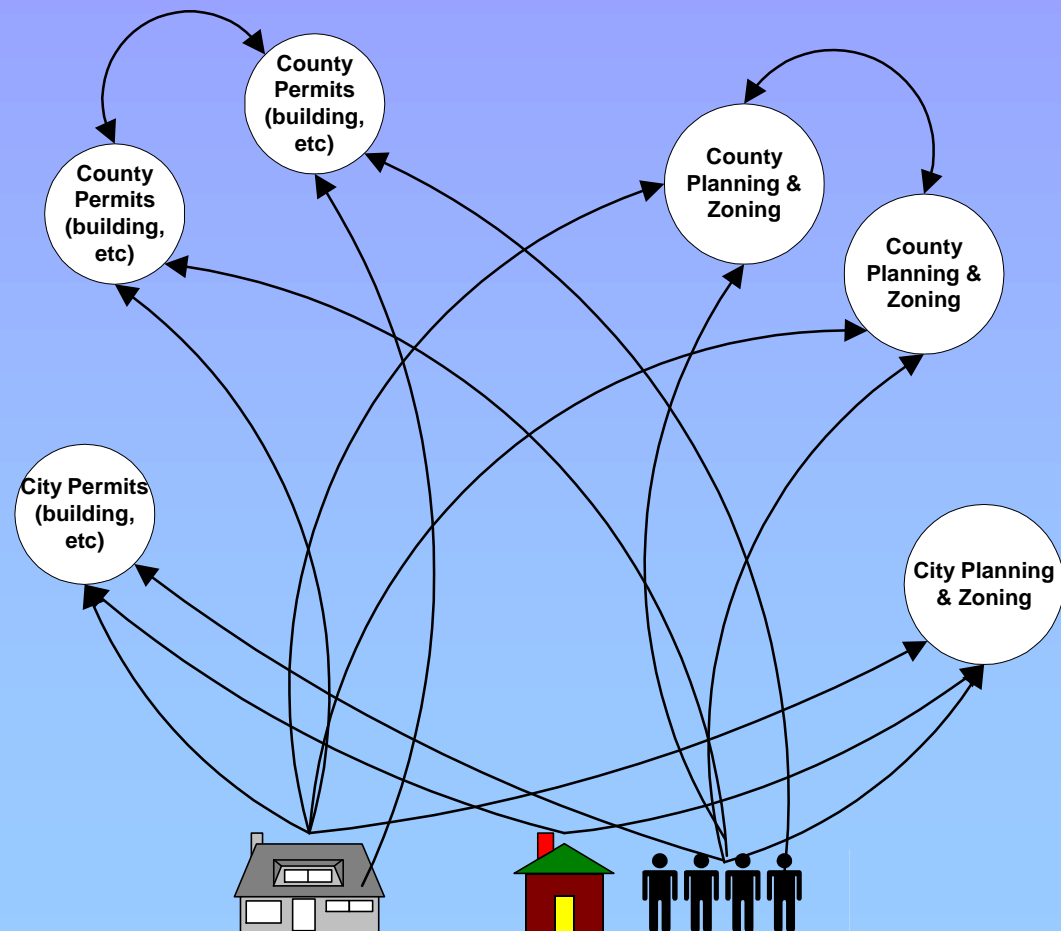**local services** (water district, school district, non-profit provider)

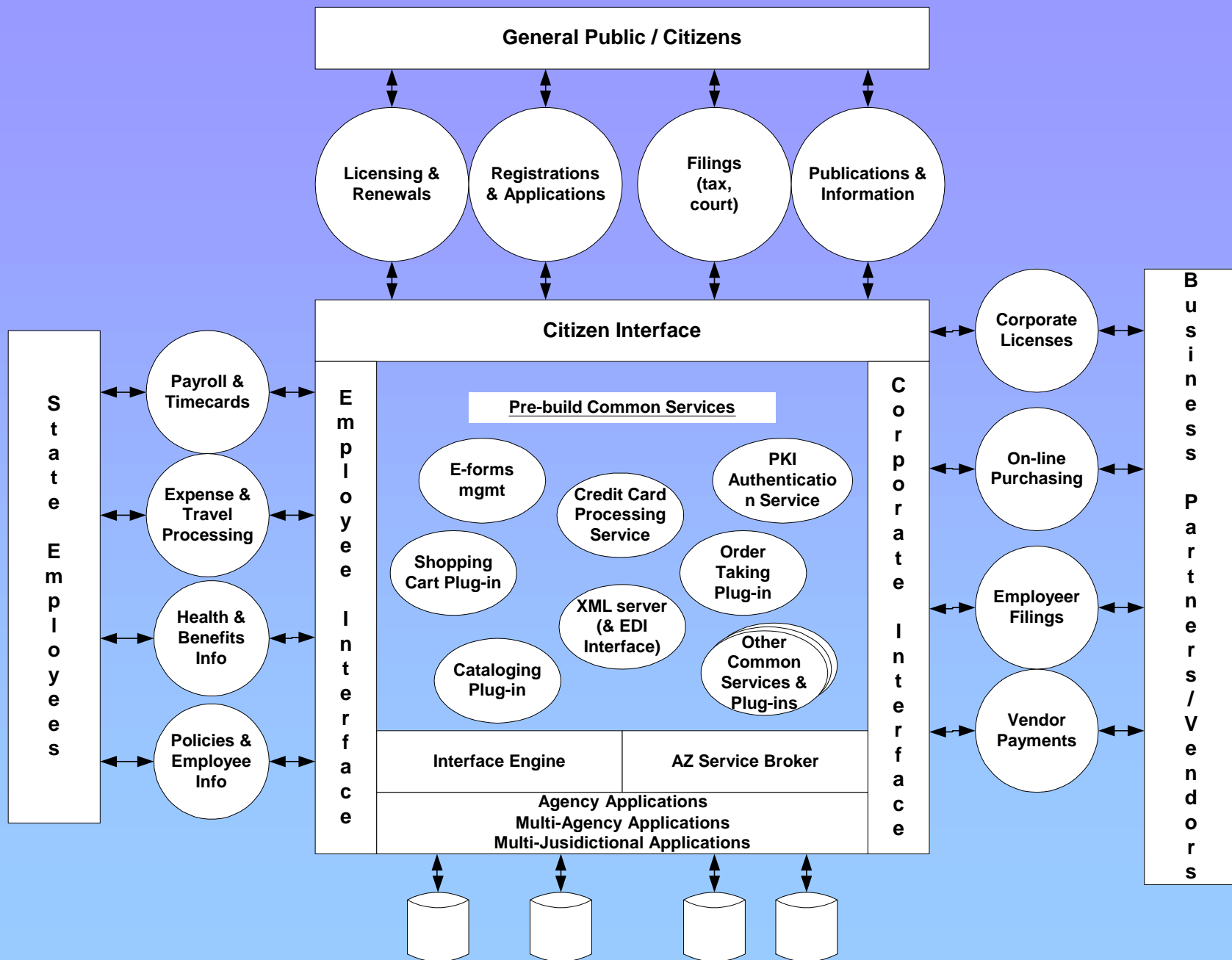**citizen & business** (services consumers)

E-government happens in three dimensions

Act on a local scale but realize the next "phase" might be multi-jurisdictional, multi-state, national, international.

An authentication mechanism that bridges agencies has considerable value. A schema that links the authentication of various jurisdictions would also have considerable value.

General Public / Citizens

- Licensing & Renewals
- Registrations & Applications
- Filings (tax, court)
- Publications & Information

Citizen Interface

Employee Interface

Corporate Interface

State Employees

- Payroll & Timecards
- Expense & Travel Processing
- Health & Benefits Info
- Policies & Employee Info

Pre-build Common Services

- E-forms mgmt
- Credit Card Processing Service
- PKI Authentication Service
- Shopping Cart Plug-in
- XML server (& EDI Interface)
- Order Taking Plug-in
- Cataloging Plug-in
- Other Common Services & Plug-ins

Interface Engine

AZ Service Broker

Agency Applications
Multi-Agency Applications
Multi-Jusidictional Applications

- Corporate Licenses
- On-line Purchasing
- Employeer Filings
- Vendor Payments

Business Partners/Vendors

Why the fuss about e-signature & e-documents?
Because some of mine will migrate to your place and
some of yours will migrate to my place.
And they need to be readable at both places.

Interoperability
getting from here to over there

Electronic Records Life Cycle Simplified Business Process View